MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

May, 1946

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

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WEATHER BUREAU

MAY 1946

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	49.8	51.5	51.6	51.0	24.7	16.8	22.4	23.2	19.2	21.6
2	51.8	1.5	2.2	1.8	25.4	16.8	20.9	23.3	18.3	21.8
3	4.0	4.5	5.8	4.8	25.1	16.8	17.8	22.2	16.1	18.7
4	5.9	6.5	7.1	6.5	22.3	15.8	18.7	18.3	17.2	18.1
5	8.2	8.2	8.7	8.4	29.3	15.3	20.5	22.8	17.2	20.2
6	58.5	57.1	59.6	56.7	26.1	18.3	21.8	22.7	18.3	20.9
7	3.1	3.7	4.9	3.9	23.9	15.6	17.8	21.6	15.6	18.3
8	4.4	5.7	7.6	5.9	20.5	16.6	16.3	17.2	17.8	17.1
9	64.4	9.4	60.1	61.3	24.4	17.2	20.5	22.8	17.2	20.2
10	59.4	8.8	57.1	58.4	26.3	16.2	21.1	23.4	18.3	20.9
11	61.2	60.9	61.4	61.2	24.7	16.9	21.2	23.4	18.3	21.0
12	1.3	0.2	9.6	0.4	26.0	18.6	21.5	24.6	18.9	21.7
13	59.5	58.7	9.3	59.2	26.6	17.9	24.1	24.7	20.1	23.0
14	9.0	9.0	9.2	9.1	26.3	17.0	21.6	25.1	18.8	21.8
15	8.8	9.3	60.3	9.5	26.2	17.1	21.6	24.6	18.7	21.6
16	60.9	60.6	61.4	61.0	25.9	17.7	22.7	23.8	18.8	21.8
17	0.8	59.8	0.5	0.4	28.1	19.4	23.3	26.0	20.4	23.2
18	59.5	8.4	58.7	58.9	29.7	18.7	24.9	26.3	20.5	23.9
19	7.9	7.5	7.4	7.6	28.0	19.6	24.4	26.7	21.1	24.1
20	7.4	8.1	8.0	7.8	27.4	18.3	23.2	25.9	19.9	23.0
21	58.4	57.7	57.5	57.7	29.2	20.1	23.9	26.7	20.6	23.7
22	6.6	5.0	4.5	5.4	29.7	21.8	26.6	27.2	25.5	26.4
23	5.4	4.7	5.8	5.3	30.3	20.4	26.7	28.3	25.6	26.9
24	6.5	9.8	7.9	8.1	29.6	19.6	24.5	27.2	25.6	25.8
25	7.5	7.0	3.4	6.0	30.9	22.8	24.9	28.7	29.4	27.7
26	56.6	56.7	57.2	56.8	26.3	18.7	23.8	25.0	20.6	23.1
27	6.9	6.7	7.7	7.1	27.7	19.6	24.4	26.1	21.0	23.8
28	8.0	9.5	9.2	8.9	27.8	18.1	24.4	26.6	20.6	23.9
29	60.1	9.7	9.4	9.7	28.9	19.6	23.3	27.7	21.1	24.0
30	59.8	60.0	60.7	60.2	28.4	18.9	26.6	26.4	20.5	24.5
31	61.0	1.1	0.9	1.0	28.1	19.9	23.9	26.6	20.6	23.7
	57.83	57.49	57.89	57.74	26.73	18.29	22.55	24.68	20.05	22.46

Barometer, range for month 749.8 — 764.5mm.
„ 62-yr. average for month 759.52 mm.
Thermometer, range for month 15.3° — 30.9°C
„ 62-yr. average for month 22.38° C.
Rain, total for month 88.39 m.m.
„ 62-yr. average for month 18.29 m.m.
„ Total, Sept. 1st. to end of month 895.35 mm.
„ 62-yr. average, Sept. 1st. to end of month 880.36 mm.

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Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	14.7	15.2	13.2	14.4	73	72	80	75	11.2	446.0	
2	14.6	13.2	13.8	13.9	79	62	88	76	9.7	267.0	
3	12.5	12.4	11.3	12.0	82	61	84	76	9.9	740.0	0.51
4	14.4	14.0	13.7	14.0	90	90	94	91	8.8	554.0	32.26
5	11.6	13.6	12.7	12.6	64	66	88	73	13.0	348.0	9.65
6	13.5	11.3	13.1	12.6	69	55	84	69	11.8	538.0	
7	14.1	13.4	12.6	13.4	92	69	96	86	2.7	987.0	13.97
8	13.0	12.8	13.2	13.0	94	88	87	90	0.6	571.0	29.46
9	13.6	14.6	13.7	14.0	76	71	94	80	11.7	238.0	2.54
10	13.3	14.7	13.7	13.9	71	66	88	75	11.0	251.0	
11	14.5	14.6	12.9	14.0	77	68	83	76	12.1	216.0	
12	14.3	15.6	14.4	14.8	74	68	88	77	11.8	351.0	
13	15.3	17.0	13.4	15.2	69	73	77	73	12.0	219.0	
14	12.7	15.4	12.1	13.3	65	65	75	68	12.5	728.0	
15	14.2	15.4	12.7	14.1	74	67	79	73	12.3	356.0	
16	14.4	14.5	14.3	14.4	71	66	88	75	12.6	395.0	
17	15.6	16.0	14.9	15.5	74	64	83	74	12.3	185.0	
18	15.0	18.7	16.0	16.6	63	73	90	75	12.6	164.0	
19	14.4	17.5	16.6	16.2	64	67	89	73	12.5	258.0	
20	16.1	17.5	14.9	16.2	76	71	85	77	13.1	507.0	
21	14.5	16.4	15.8	15.6	65	63	87	72	13.0	380.0	
22	13.7	15.7	14.5	14.6	52	57	60	56	12.6	335.0	
23	18.8	18.4	16.1	17.8	72	64	67	68	13.0	267.0	
24	17.9	18.3	15.4	17.2	78	68	63	70	13.0	237.0	
25	15.7	18.1	9.9	14.6	67	62	32	54	12.5	464.0	
26	17.7	15.1	14.8	15.9	80	64	82	75	13.1	298.0	
27	15.2	15.8	14.8	15.3	67	63	80	70	12.2	467.0	
28	16.1	15.9	15.1	15.7	71	61	83	72	12.3	237.0	
29	14.9	15.6	15.5	15.3	70	57	87	71	12.3	190.0	
30	16.3	15.5	14.9	15.6	62	60	83	68	12.2	216.0	
31	15.5	17.3	15.1	16.0	70	66	83	73	12.6	175.0	
	14.76	15.46	14.03	14.76	72.6	66.6	81.5	73.5	11.38	373.70	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
62 year averages are for period, 1875-1936

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	6cu	0	0	2.0	2w	2sw	1sw	slight	Tr. a.m.
2	10cu	3ci	6cu	6.3	1sw	0	1sw	„	
3	9cu	3ci	6ni	6.0	1e	3sw	2sw	„	Tr. a.m.
4	3cu	10cu	9ni	7.3	1sw	2sw	3sw	„	
5	0	0	0	0.0	3sw	1sw	1sw	light	
6	0	0	0	0.0	0	1sw	0	light	
7	10ni	9cu	10ni	9.7	2ne	3ne	1w	mod.	G. at night
8	10ni	10cu	8cu	9.3	4sw	3sw	2sw	rough	
9	0	0	5ci	1.7	1sw	1sw	1 w	slight	
10	9cu	0	0	3.0	2sw	1sw	0	„	
11	0	0	1cu	0.3	2sw	1sw	0	light	
12	2cu	3ci	2cu	2.3	2nw	1ne	2ne	„	
13	1cu	9ci	1ci	3.7	2ne	1ne	0	„	
14	1cu	2cu	0	1.0	1n	1nw	0	„	
15	0	0	1ci	0.3	3sw	2sw	2sw	slight	
16	0	0	0	0.0	1sw	0	0	light	
17	0	0	0	0.0	1ne	1nw	0	„	
18	3ci	1ci	0	1.3	1ne	1ne	0	„	
19	0	0	0	0.0	1sw	1sw	1sw	„	
20	0	0	0	0.0	3sw	2sw	0	calm	
21	0	3ci	0	1.0	1nw	1sw	0	slight	
22	9cu	9cu	8cu	8.7	1sw	1sw	1e	light	Tr. a.m. & at p.m.
23	4ci	5ci	0	3.0	1e	1ne	0	„	
24	0	3cu	2ci	1.7	1w	2sw	0	calm	
25	0	3ci	8ci	3.7	1w	1e	1e	slight	
26	6cu	1cu	4cu	3.7	3w	2w	1w	slight	
27	1ci	1cu	0	0.7	2sw	2sw	1sw	„	
28	0	0	0	0.0	2sw	2sw	1sw	„	
29	0	0	0	0.0	2nw	2sw	0	light	
30	0	0	0	0.0	1sw	2nw	0	„	
31	0	2cu	0	0.7	1sw	1sw	0	„	
				2.49					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	4	2	0	0	16	4	3	1	31
14:30	0	5	1	0	0	19	1	3	2	31
20:30	0	1	2	0	0	10	3	0	15	31
Totals	1	10	5	0	0	45	8	6	18	93

Number of days with rain 6, fog 0, thunderstorms 0, gale 1.

62 yr av. number of days with rain during month 3.1